

Environmental Restoration Project



Area of Concern (AOC) No. 1080: Building 6644 Septic System, TA-III

ADS: 1295

Operable Unit: Septic Tanks and Drainfields

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Site History

Historical SNL/NM Facilities Engineering drawings indicate that this septic system consisted of a septic tank and a drainfield located on the southwest side of Building 6644, in TA-III. It is assumed that this septic system was abandoned in the early 1990s when the City of Albuquerque sanitary sewer system was extended into TA-III. No other historical research has been conducted for this site.

Constituents of Concern

Constituents of concern for this site are unknown.

Current Hazards

No known surface hazards have been identified. Environmental characterization has not been conducted at the site; therefore potential subsurface environmental hazards are unknown.

Current Status of Work

Samples were collected from the septic tank in late 1990 or early 1991, 1992, and 1995 for waste characterization purposes. Residual tank contents were pumped out and the tank cleaned in February 1996. A backhoe was used at the site in March 2002 to physically locate the drainfield drainlines. To determine if environmental contamination is present beneath this system and in accordance with agreements reached with NMED personnel, additional sampling was conducted at this site. As shown on the site map, three soil sample boring were drilled directly beneath drainfield drainlines in August 2002. Soil samples collected from these borings were analyzed

for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), total cyanide, high explosive (HE) compounds, metals, and radionuclides.

Future Work Planned

This site may be selected for deeper environmental characterization sampling if analytical results from the shallow sampling indicate potentially significant contamination at depth.

Waste Volume Estimated/Generated

A total of 395 gallons of effluent (including water introduced to facilitate pumping) was removed from the septic tank in February 1996. No environmental characterization or remediation waste has been generated at the site to date.

Information for ER Site 1080 was last updated Jan 17, 2003.